

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
2035.750

SERIAL NO.
to be assigned

WISNIEWSKI et al.

10/057, 610

FILING
01/25/2002

GROUP
to be assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	876,015	01/07/1908	Ray	/	/	10/05/02
	983,466	02/07/1911	Vorhees	/	/	10/05/02
	1,874,578	08/30/1932	Morrison	/	/	10/05/02
	2,085,924	07/06/1937	Riegler	/	/	10/05/02
	2,129,572	09/06/1938	Finnegan	/	/	
	2,391,876	01/01/1946	Brown	/	/	
	2,405,091	07/30/1946	Culbreth	/	/	H. Jensen
	2,441,376	05/11/1948	Stiening	/	/	#2
	2,449,343	09/14/1948	Torbensen	/	/	4/5/2002
	2,605,620	08/05/1952	Taylor	/	/	
	2,610,034	09/09/1952	Lundvall et al.	/	/	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	A 12751/83	10/06/1983	Australia	/	/		
	18668/83	04/05/1984	Australia	/	/		
	0 316 966 B1	05/24/1989	Europe	/	/		
	0 618 413 A1	10/05/1994	Europe	/	/		
	0 647 707 A	04/12/1995	Europe	/	/		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Burton et al., "An Experimental Investigation of the Solidification Process in a V-shaped Sump", Int. J. Heat Mass Transfer, Vol. 38, No. 13 (1995), pp.2383-2393
	Schwartz, H. W., "Production of Orange Juice Concentration and Powder", Industrial and Engineering Chemistry, Vol. 40 No. 5 May 1948, pp. 938-944

EXAMINER

John Ford

DATE CONSIDERED

11/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
2035.750

SERIAL NO.
to be assigned

WISNIEWSKI et al.

FILING
01/25/2002

GROUP
to be assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2,704,656	03/22/1955	Freer	/	/	
	2,915,292	12/01/1959	Gross	/	/	
	3,074,246	01/22/1963	Wilbushewich	/	/	
	3,108,840	10/29/1963	Conrad et al.	/	/	
	3,308,552	03/14/1967	Kaufman et al.	/	/	
	3,318,105	05/09/1967	Burroughs et al.	/	/	
	3,453,416	07/01/1969	Mekjean	/	/	
	3,550,393	12/29/1970	Euwema	/	/	
	3,595,308	08/27/1971	Durdin	/	/	
	3,595,908	07/27/1971	Lumbroso et al.	/	/	
	3,764,780	10/09/1973	Ellis	/	/	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	518,301	02/22/1940	Great Britain	/	/		
	845,576	08/24/1960	Great Britain	/	/		
	2 029 880A	08/25/1982	Great Britain	/	/		
	758,510	01/18/1934	France	/	/		✓
	2,237,156	02/07/1975	France	/	/		✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Wisniewski, R. et al., "Large-Scale Freezing and Thawing of Biopharmaceutical Drug Products", Biotech and Biopharm. Manufacturing, Processing and Preservation, Tinterpharm Press, Illinois, 1996, pp. 7-59
	Wisniewski, R. et al., "Large-Scale Freezing and Thawing of Biopharmaceutical Drug Product", Proceedings of the International Congress, 1992, pp. 132-140

EXAMINER

John Ford

DATE CONSIDERED

11/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)

ATTY DOCKET NO.
2035.750

SERIAL NO.
to be assigned

WISNIEWSKI et al.

FILING
01/25/2002

GROUP
to be assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,934,618	01/27/1976	Henderson	/	/	
	3,976,129	08/24/1976	Silver	/	/	
	4,200,148	04/29/1980	Friefeld et al.	/	/	
	4,241,043	12/23/1980	Hetzel	/	/	
	4,296,612	10/27/1981	Allo	/	/	
	4,337,079	06/29/1982	Mann, Jr. et al.	/	/	
	4,344,479	08/17/1982	Bailey	/	/	
	4,426,959	01/24/1984	McCurley	/	/	
	4,509,344	04/09/1985	Ludwigsen et al.	/	/	
	4,512,388	04/23/1985	Claar et al.	/	/	
	4,531,373	07/30/1985	Rubinsky	/	/	

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	57-580587	04/07/1982	Japan (english abstract)	/	/		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Lawler, Frank K., "Engineering Advances FREEZE-Concentration", Food Engineering, Vol. 23, No. 10, October 1951, pp. 68-71, 210-213
	Gore, H.C., "Apple Sirup and Concentrated Cider: New Products for Utilizing Surplus and Cull Apples.", Yearbook of the Department of Agriculture, 1914, pp.227-244

EXAMINER

John Ford

DATE CONSIDERED

11/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.
2035.750

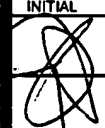

SERIAL NO.
to be assigned

WISNIEWSKI et al.

FILING
01/25/2002

GROUP
to be assigned



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,584,843	04/29/1986	Pronger, Jr. et al.	/	/	
	4,596,120	06/24/1986	Knodel et al.	/	/	
	4,609,036	09/02/1986	Schrader	/	/	
	4,712,607	12/15/1987	Lindeman et al.	/	/	
	4,793,151	12/27/1988	Masel et al.	/	/	
	4,893,670	01/16/1990	Joshi et al.	/	/	
	4,976,308	12/11/1990	Faghri	/	/	
	5,005,371	04/09/1991	Yonezawa et al.	/	/	
	5,022,149	06/11/1991	Abbott	/	/	
	5,029,634	07/09/1991	Hurner	/	/	
	5,033,544	07/23/1991	Abbott	/	/	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Stahl, A.L., "Concentration of Citrus Juices by Freezing ", Florida State Horticultural Society, 1944, pp.43-45
		Kalhor, B. et al, "Studies on Heat Transfer From a Vertical Cylinder, With or Without Fins, Embedded in a Solid Phase Change Mediam", Transactions of the ASME, Journal of Heat Transfer, Vol. 107, February 1985, pp. 44-51

EXAMINER

John Ford

DATE CONSIDERED

11/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.
2035.75

SERIAL NO.
to be assigned

WISNIEWSKI et al.

FILING
01/25/2002

GROUP
to be assigned

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,054,548	10/08/1991	Zohler	/	/	
	5,072,569	12/17/1991	VanTassel	/	/	
	5,090,207	02/25/1992	Gilbertson et al.	/	/	
	5,168,725	12/08/1992	Margolin	/	/	
	5,176,197	01/05/1993	Hamaguchi et al.	/	/	
	5,181,387	01/26/1993	Meckler	/	/	
	5,212,957	05/25/1993	Ruff	/	/	
	5,220,954	06/22/1993	Longardner et al.	/	/	
	5,332,034	07/26/1994	Chiang et al.	/	/	
	5,411,078	05/02/1995	Ares	/	/	
	5,458,191	10/17/1995	Chiang et al.	/	/	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

John Ford

DATE CONSIDERED

11/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>				ATTY DOCKET NO. 2035.75		SERIAL NO. to be assigned	
				APPLICANT(S) WISNIEWSKI et al.			
				FILING DATE 01/25/2002		GROUP to be assigned	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
	5,520,885	05/28/1996	Coelho et al.	/	/		
	5,524,706	06/11/1996	Nakamura et al.	/	/		
	5,535,598	07/16/1996	Cothorn et al.	/	/		
	5,579,830	12/03/1996	Giammaruti	/	/		
	5,664,922	07/08/1997	Linden et al.	/	/		

FOREIGN PATENT DOCUMENTS								
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION			
					YES	NO		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			

EXAMINER 	DATE CONSIDERED 11/2006
--------------	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.